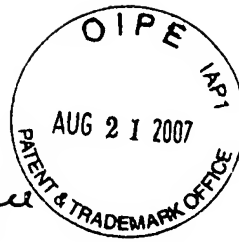


August 17, 2007

1FW

Daniel C. Crane, Primary Patent Examiner
United States Patent and Trademark Office
Commissioner For Patents



P.O. Box 1450

Alexandria, Virginia 22313-1450

Applicant: Vincent Craig Olsen

Application No.: 10/718,013

Art Unit: 3725

Filing Date: 11/21/2003

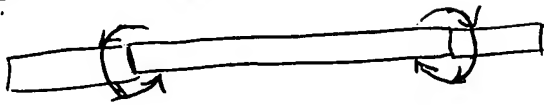
Figures and Notes for Interview
to be held by telephone on 8-22-07
at 2:00 PM

Mr. Crane:

I have included below some figures and notes to aide in our discussion during the interview scheduled for 8-22-07. I will attempt to call you at 2:00 PM that day, and I will call back every 15-20 minutes until I get through. I look forward to discussing my application with you.

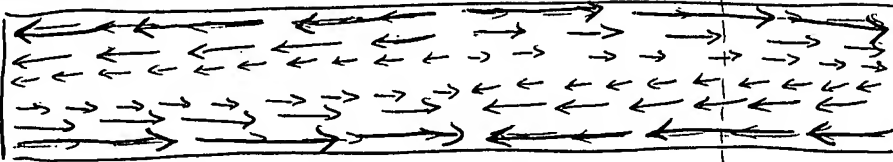
Sincerely,

pure bending moment:



outside of bend in tension

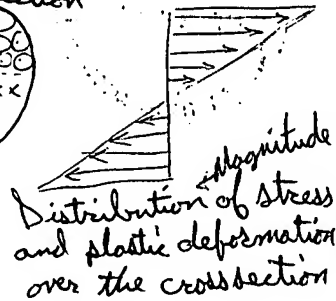
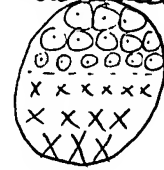
Center of middle cross section has no stress



inside of bend in compression

Section A-A

Direction of stress and plastic deformation over the cross section



The present application:



Clamp:

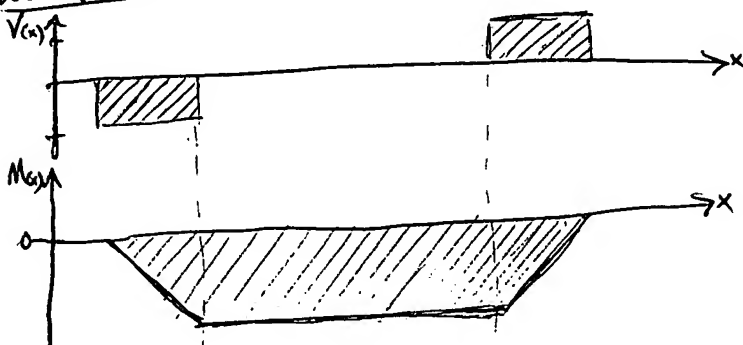
Workpiece:



Clamp:



workpiece:

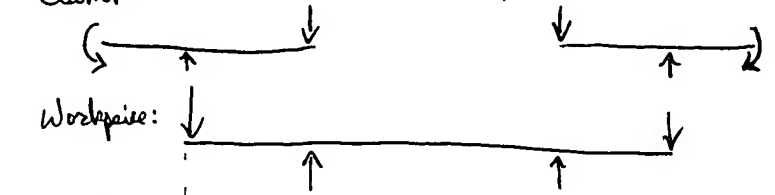


Heese 3,831,419:

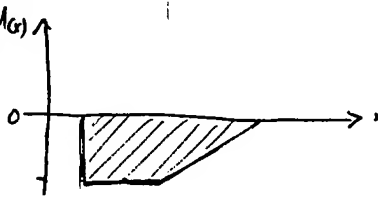
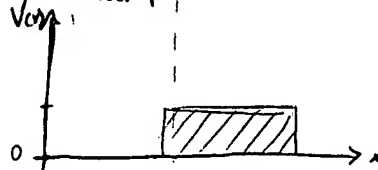


Clamp:

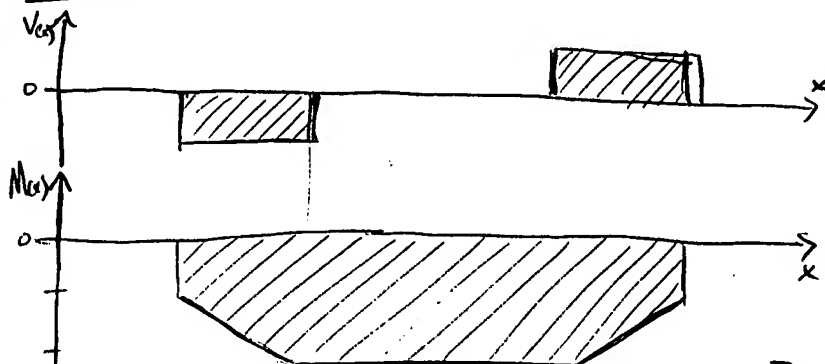
Workpiece:



Clamp:



workpiece:



Request Form

(Forma de Solicitud)

Name: _____

(Nombre)

Housing Area: _____

(# de Celda)

- ☐ Case Manager
- ☐ Laundry
- ☐ Education
- ☐ Kitchen
- ☐ Notary Service
- ☐ Offender Accounts
- ☐ Commissary
- ☐ Other _____

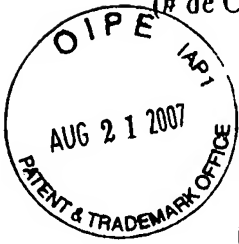
ID #: _____

(# de Identificacion)

Work Assignment: _____

(Trabajo)

- ☐ Job Coordinator
- ☐ Classification
- ☐ Warden
- ☐ Assistant Warden
- ☐ Mail
- ☐ Phones
- ☐ Law Library



Employee Name: _____

(Nombre de Empleado)

Action Requested: _____

(Accion Requerida)

Signature: _____ Date: _____

(Firm)

(Fecha)

Action Taken: _____

(Accion Tomado)

Employee Signature: _____ Date: _____

(Firma de Empleado)

(Fecha)

Attachment D -

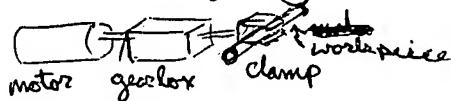
Revised 10/20/06

Bending Operations:

Mode of torque creation:

The present application:

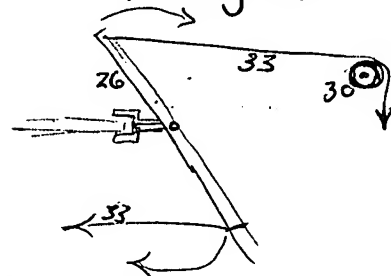
- the preferred embodiment of torque creation is an electric motor connected to a torque increasing gear box axially connected to the torque transferring material clamp.



This creates a constant torque and a constant ~~angular~~ rate of rotational displacement of the torque transferring material clamp, and hence constant rates of deformation

heese

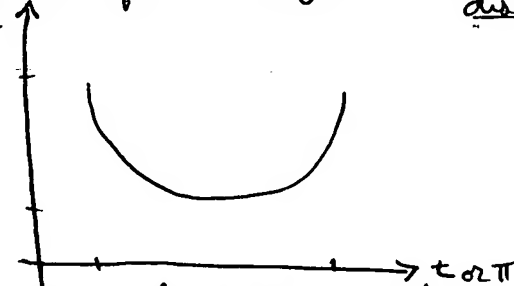
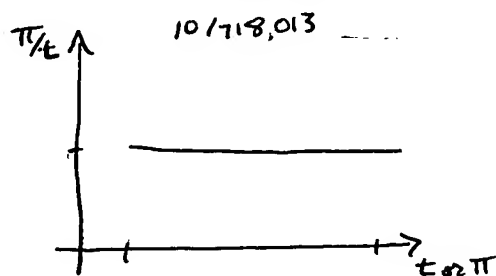
- The material clamp is connected to a lever⁽²⁶⁾ that is pulled through an arc by a cable (33) that is pulled from a stationary ~~point~~ pulley (30).



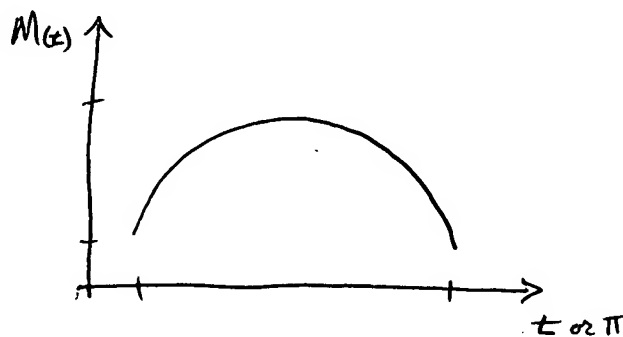
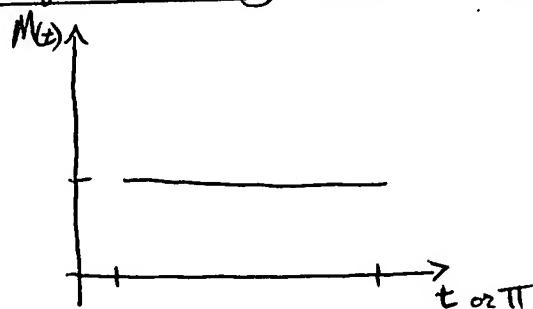
This creates a torque and a rate of rotational displacement of the torque transferring material clamp that changes throughout the bending process as the ~~angle~~ lever rotates and the angle between the cable and the lever changes.

The bend process ~~is~~ is initially rapid rotational displacement and low torque, then slow displacement and high torque, and finally rapid displacement and low torque.

* Rate of Rotational Displacement and Rate of Bending as a function of time or rotational displacement



* Torque or Bending Moment as a function of time or rotational displacement



Request Form

Name: _____

(Nombre)

Housing Area _____

(# de Celda)

☐ Case Manager

☐ Laundry

☐ Education

☐ Kitchen

☐ Notary Service☐ Offender Accounts

☐ Commissary

☐ Other _____

Employee Name. _____

(Nombre de Empleado)

Action Requested:

(Accion Requerida)

[illegible]

Signature: _____ Date: _____
(Teacher)

(Firm)

Date: _____

(Fecha)

Action Taken:

(Accion Tomado)

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Employee Signature: _____ Date: _____

(Firma de Empleado)

Date: _____

(Fecha)